

GOVERNMENT OF GOA
SD III (QC) , WRD, GOGAL, MARGAO- GOA.

NAME OF THE WORK: Construction of Retaining wall on LHS to protect the river bank in Survey No. 14/ 14 at Shishegal in V.P. Poinguinim of Canacona Taluka.

SAMPLE SENT BY: AE, SD I, WD XI, WRD, Canacona- Goa.

NAME OF THE AGENCY				TESTING PERIOD			28 days.		
REPORT NO	SAMPLE NOS.	CASTING DATE	TESTING DATE	LOCATION OF SAMPLE	MIX PROPORTION	REQUIRED STRENGTH	Comp sth in Kg/cm ²	Avg. Comp Kg/cm ²	LETTER No / DATED
1.1	1172						115.56		No. WRD/ WD XI/ SD I/ F.169/197/2020-21. DATED: 19-01-2021
	1173	12/1/2021	9/2/2021	foundation of Retaining	1.3.6	100 kg/cm ²	115.56	114.08	
	1174			Ch. 0.00 to 10.00 mt			111.11		
1.2	1175						115.56		do
	1176	12/1/2021	9/2/2021	foundation of Retaining	1.3.6	100 kg/cm ²	115.56	115.56	
	1177			Ch. 0.00 to 10.00 mt			115.56		
2.1	1178						115.56		do
	1179	13-01-2021	10/2/2021	Foundation of Retaining	1.3.6	100 kg/cm ²	111.11	112.59	
	1180			Ch. 10.00 to 20.00 mt			111.11		
2.2	1181						115.56		do
	1182	13-01-2021	10/2/2021	Foundation of Retaining	1.3.6	100 kg/cm ²	111.11	114.08	
	1183			Ch. 10.00 to 20.00 mt			115.56		
3.1	1184						124.44		do
	1185	14-01-2021	11/2/2021	Foundation of Retaining	1.3.6	100 kg/cm ²	120.00	121.48	
	1186			Ch. 20.00 to 30.00 mt			120.00		
3.2	1187						120.00		do
	1188	14-01-2021	11/2/2021	Foundation of Retaining	1.3.6	100 kg/cm ²	120.00	120.00	
	1189			Ch. 20.00 to 30.00 mt			120.00		
4.1	1190						106.67		do
	1191	15-01-2021	12/2/2021	Foundation of Retaining	1.3.6	100 kg/cm ²	115.56	112.60	
	1192			Ch. 30.00 to 40.00 mt			115.56		
4.2	1193						111.11		do
	1194	15-01-2021	12/2/2021	Foundation of Retaining	1.3.6	100 kg/cm ²	111.11	112.59	
	1195			Ch. 30.00 to 40.00 mt			115.56		

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5.1	1196						160.00		No. WRD/ WD XI/ SD I/
	1197	16-01-2021	13-02-2021	foundation of Retaining	1.3.6	100 kg/cm2	160.00	161.48	F.169/197/2020-21.
	1198			Ch. 40.00 to 50.00 mt			164.44		DATED: 19-01-2021
5.2	1199						160.00		
	1200	16-01-2021	13-02-2021	foundation of Retaining	1.3.6	100 kg/cm2	160.00	160.00	do
	1201			Ch. 40.00 to 50.00 mt			160.00		
6.1	1400						160.00		No. WRD/ WD XI/ SD I/
	1401	18-01-2021	15-02-2021	Foundation of Retaining	1.3.6	100 kg/cm2	160.00	161.48	F.169/206/2020-21.
	1402			Ch. 50.00 to 60.00 mt			164.44		DATED: 25-01-2021
6.2	1403						164.44		
	1404	18-01-2021	15-02-2021	Foundation of Retaining	1.3.6	100 kg/cm2	164.44	162.96	do
	1405			Ch. 50.00 to 60.00 mt			160.00		
7.1	1406						106.67		
	1407	19-01-2021	16-02-2021	Foundation of Retaining	1.3.6	100 kg/cm2	115.56	112.60	do
	1408			Ch. 60.00 to 70.00 mt			115.56		
7.2	1409						111.11		
	1410	19-01-2021	16-02-2021	Foundation of Retaining	1.3.6	100 kg/cm2	115.56	112.59	do
	1411			Ch. 60.00 to 70.00 mt			111.11		
8.1	1412						120.00		
	1413	20-01-2021	17-02-2021	Foundation of Retaining	1.3.6	100 kg/cm2	115.56	117.04	do
	1414			Ch. 70.00 to 80.00 mt			115.56		
8.2	1415						115.56		
	1416	20-01-2021	17-02-2021	Foundation of Retaining	1.3.6	100 kg/cm2	120.00	118.52	do
	1417			Ch. 70.00 to 80.00 mt			120.00		

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9.1	1418						106.67		No. WRD/ WD XI/ SD I/ F.169/206/2020-21. DATED: 25-01-2021
	1419	21-01-2021	18-02-2021	foundation of Retaining	1.3.6	100 kg/cm2	111.11	109.63	
	1420			Ch. 80.00 to 90.00 mt			111.11		
9.2	1421						111.11		do
	1422	21-01-2021	18-02-2021	foundation of Retaining	1.3.6	100 kg/cm2	106.67	109.63	
	1423			Ch. 80.00 to 90.00 mt			111.11		
10.1	1424						111.11		do
	1425	22-01-2021	19-02-2021	Foundation of Retaining	1.3.6	100 kg/cm2	106.67	108.15	
	1426			Ch. 90.00 to 100.00 mt			106.67		
10.2	1427						111.11		do
	1428	22-01-2021	19-02-2021	Foundation of Retaining	1.3.6	100 kg/cm2	111.11	111.11	
	1429			Ch. 90.00 to 100.00 mt			111.11		
11.1	1634						111.11		No. WRD/ WD XI/ SD I/ F.169/212/2020-21. DATED: 30-01-2021
	1635	24-01-2021	21-02-2021	Foundation of Retaining . 100.00 to 107.00	1.3.6	100 kg/cm2	106.67	109.63	
	1636			mt & Key wall foundation			111.11		
11.2	1637						111.11		do
	1638	24-01-2021	21-02-2021	Foundation of Retaining . 100.00 to 107.00	1.3.6	100 kg/cm2	106.67	108.15	
	1639			mt & Key wall foundation			106.67		
12.1	1640						160.00		do
	1641	25-01-2021	22-02-2021	1st Lift of Retaining wall	1.2.4	150 kg/cm2	164.44	162.96	
	1642			Ch. 0.00 to 20.00 mt			164.44		
12.2	1643						164.44		do
	1644	25-01-2021	22-02-2021	1st Lift of Retaining wall	1.2.4	150 kg/cm2	160.00	161.48	
	1645			Ch. 0.00 to 20.00 mt			160.00		

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REPORT NO	SAMPLE NOS.	CASTING DATE	TESTING DATE	LOCATION OF SAMPLE	MIX PROPOTION	REQUIRED STRENGTH	Comp sth in Kg/cm2	Avg. Comp Kg/cm2	LETTER No / DATED
13.1	1646						164.44		No. WRD/ WD XI/ SD I/ F.169/212/2020-21. DATED: 30-01-2021
	1647	26-01-2021	23-02-2021	1st Lift of Retaining wall	1.2.4	150 kg/cm2	168.89	164.44	
	1648			Ch. 20.00 to 40.00 mt			160.00		
13.2	1649						160.00		
	1650	26-01-2021	23-02-2021	1st Lift of Retaining wall	1.2.4	150 kg/cm2	160.00	161.48	do
	1651			Ch. 20.00 to 40.00 mt			164.44		
14.1	1652						164.44		
	1653	27-01-2021	24-02-2021	1st Lift of Retaining wall	1.2.4	150 kg/cm2	164.44	165.92	do
	1654			Ch. 40.00 to 60.00 mt			168.89		
14.2	1655						168.89		
	1656	27-01-2021	24-02-2021	1st Lift of Retaining wall	1.2.4	150 kg/cm2	164.44	167.41	do
	1657			Ch. 40.00 to 60.00 mt			168.89		
15.1	1658						164.44		
	1659	28-01-2021	25-02-2021	1st Lift of Retaining wall	1.2.4	150 kg/cm2	164.44	165.92	do
	1660			Ch. 60.00 to 80.00 mt			168.89		
15.2	1661						164.44		
	1662	28-01-2021	25-02-2021	1st Lift of Retaining wall	1.2.4	150 kg/cm2	168.89	165.92	do
	1663			Ch. 60.00 to 80.00 mt			164.44		
16.1	1664						160.00		
	1665	29-01-2021	26-02-2021	1st Lift of Retaining wall	1.2.4	150 kg/cm2	164.44	162.96	do
	1666			Ch. 80.00 to 100.00 mt			164.44		
16.2	1667						160.00		
	1668	29-01-2021	26-02-2021	1st Lift of Retaining wall	1.2.4	150 kg/cm2	164.44	161.48	do
	1669			Ch. 80.00 to 100.00 mt			160.00		

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17.1	1670						164.44		No. WRD/ WD XI/ SD I/
	1671	30-01-2021	27-02-2021	1st Lift of Retaining wall	1.2.4	150 kg/cm2	160.00	162.96	F.169/212/2020-21.
	1672			Ch. 100.00 to 107.00 mt and Key wall			164.44		DATED: 30-01-2021
17.2	1673						164.44		
	1674	30-01-2021	27-02-2021	1st Lift of Retaining wall	1.2.4	150 kg/cm2	164.44	162.96	do
	1675			Ch. 100.00 to 107.00 mt and Key wall			160.00		
18.1	2060						164.44		No. WRD/ WD XI/ SD I/
	2061	2/2/2021	2/3/2021	2nd Lift of Retaining wall	1.2.4	150 kg/cm2	164.44	162.96	F.169/222/2020-21.
	2062			Ch. 0.00 to 25.00 mt			160.00		DATED: 09-02-2021
18.2	2063						164.44		
	2064	2/2/2021	2/3/2021	2nd Lift of Retaining wall	1.2.4	150 kg/cm2	160.00	161.48	do
	2065			Ch. 0.00 to 25.00 mt			160.00		
19.1	2066						160.00		
	2067	3/2/2021	3/3/2021	2nd Lift of Retaining wall	1.2.4	150 kg/cm2	155.56	160.00	do
	2068			Ch. 25.00 to 50.00 mt			164.44		
19.2	2069						164.44		
	2070	3/2/2021	3/3/2021	2nd Lift of Retaining wall	1.2.4	150 kg/cm2	164.44	162.96	do
	2071			Ch. 25.00 to 50.00 mt			160.00		
20.1	2072						173.33		
	2073	4/2/2021	4/3/2021	2nd Lift of Retaining wall	1.2.4	150 kg/cm2	164.44	167.40	do
	2074			Ch. 50.00 to 70.00 mt			164.44		
20.2	2075						164.44		
	2076	4/2/2021	4/3/2021	2nd Lift of Retaining wall	1.2.4	150 kg/cm2	164.44	164.44	do
	2077			Ch. 50.00 to 70.00 mt			164.44		

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21.1	2078						173.33		No. WRD/ WD XI/ SD I/ F.169/222/2020-21. DATED: 09-02-2021
	2079	5/2/2021	5/3/2021	2nd Lift of Retaining wall	1.2.4	150 kg/cm2	173.33	174.81	
	2080			Ch. 75.00 to 90.00 mt			177.78		
21.2	2081						173.33		do
	2082	5/2/2021	5/3/2021	2nd Lift of Retaining wall	1.2.4	150 kg/cm2	173.33	173.33	
	2083			Ch. 75.00 to 90.00 mt			173.33		
22.1	2084						173.33		do
	2085	7/2/2021	7/3/2021	2nd Lift of Retaining wall	1.2.4	150 kg/cm2	173.33	174.81	
	2086			Ch. 90.00 to 107.00 mt and Key wall			177.78		
22.2	2087						173.33		do
	2088	7/2/2021	7/3/2021	2nd Lift of Retaining wall	1.2.4	150 kg/cm2	173.33	173.33	
	2089			Ch. 90.00 to 107.00 mt and Key wall			173.33		
23.1	2273						168.89		No. WRD/ WD XI/ SD I/ F.169/229/2020-21. DATED: 19-02-2021
	2274	12/2/2021	12/3/2021	3rd Lift of Retaining wall	1.2.4	150 kg/cm2	168.89	170.37	
	2275			Ch. 0.00 to 35.00 mt			173.33		
23.2	2276						173.33		do
	2277	12/2/2021	12/3/2021	3rd Lift of Retaining wall	1.2.4	150 kg/cm2	173.33	171.85	
	2278			Ch. 0.00 to 35.00 mt			168.89		
24.1	2279						168.89		do
	2280	13-02-2021	13-03-2021	3rd Lift of Retaining wall	1.2.4	150 kg/cm2	168.89	170.37	
	2281			Ch. 35.00 to 70.00 mt			173.33		
24.2	2282						168.89		do
	2283	13-02-2021	13-03-2021	3rd Lift of Retaining wall	1.2.4	150 kg/cm2	173.33	171.85	
	2284			Ch. 35.00 to 70.00 mt			173.33		

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25.1	2285						168.89		No. WRD/ WD XI/ SD I/
	2286	14-02-2021	14-03-2021	3rd Lift of Retaining wall	1.2.4	150 kg/cm2	168.89	168.89	F.169/229/2020-21.
	2287			Ch. 70.00 to 100.00 mt			168.89		DATED: 19-02-2021
25.2	2288						168.89		
	2289	14-02-2021	14-03-2021	3rd Lift of Retaining wall	1.2.4	150 kg/cm2	173.33	170.37	do
	2290			Ch. 70.00 to 100.00 mt			168.89		
26	2291						168.89		
	2292	15-02-2021	15-03-2021	3rd Lift of Retaining wall	1.2.4	150 kg/cm2	173.33	168.89	do
	2293			Ch. 100.00 to 107.00 mt			164.44		
27	2633						168.89		No. WRD/ WD XI/ SD I/
	2634	22-02-2021	22-03-2021	4th Lift of Retaining wall	1.2.4	150 kg/cm2	164.44	167.41	F.169/235/2020-21.
	2635			Ch. 0.00 to 40.00 mt			168.89		DATED: 01-03-2021
28	2636						168.89		
	2637	23-02-2021	23-03-2021	4th Lift of Retaining wall	1.2.4	150 kg/cm2	173.33	171.85	do
	2638			Ch. 40.00 to 80.00 mt			173.33		
29	2639						173.33		
	2640	24-02-2021	24-03-2021	4th Lift of Retaining wall	1.2.4	150 kg/cm2	173.33	171.85	do
	2641			Ch. 80.00 to 107.00 mt and Key wall			168.89		

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